

## DenyAll announces version 4.1 of its application security platform

*The new version of the DenyAll Application Security Platform (DASP) introduces innovative technologies that help secure IT infrastructures against attacks targeting the application layer.*

Last June, Gartner published a report on the main trends in the Web Application Firewall (WAF) market, highlighting among other things the need to move towards smart application security. DenyAll's new version of the modular platform underlying all its application firewalls breaks new ground in three ways, all in line with Gartner's recommendations: greater operational efficiency, new filtering engines, and easier deployment without compromising security.

### Greater operational efficiency

---

#### → Optimizing the administrator's day-to-day experience

Many of the platform's new functions and enhancements are designed to make life easier for administrators. These improvements include log management and the ability to replay rules and logs, testing blacklists in alert mode, manipulating headers, customizing error pages, and many other enhancements including cache/high-availability handling.

#### → Integration with the rest of the IT infrastructure

This new version offers integration with CA SiteMinder, one of the most widely-used Single Sign-On solutions in the market. Users can identify themselves just once to benefit from enhanced security and quicker access to optimized applications, thanks to DenyAll products' acceleration functions.

### New filtering engines

---

Today's applications make use of increasingly complex languages and protocols, challenging the relevance of conventional approaches to filtering. Two new filtering engines are offered in version 4.1:

#### → JSON data security

JavaScript Object Notation (JSON) is a data exchange standard which is very widely used, especially in Web 2.0 applications. It can be used to conceal injection attacks, and to bypass or distract conventional detection engines. **To counter this threat, DenyAll has developed a new security module which canonizes JSON in http and validates a request's format when submitting it to the filters used in the DASP platform.**

#### → Dynamic filtering of command injections

To prevent the execution of commands capable of confusing the operating system on which the application is running, DenyAll offers a different approach based on dynamic filtering. It operates like a "sandbox", simulating the operating system's response to the parameters submitted to the application. **This approach avoids false positives, unlike competitive solutions.**

---

## Ease of deployment

---

### → Secure transparent mode

**Only DenyAll now offers a Secure Transparent Mode based on its reverse proxy technology.** This innovation enables the deployment of a DenyAll WAF to occur without modifying the internal IP addresses, while still enjoying the many advantages of a reverse proxy: the protocol break lets the WAF inspect requests in their entirety so as to detect even the most complex attacks, including those not yet identified (thanks to the Scoring List); it enables the infrastructure to stay hidden, invisible to the outside; and it relieves applications themselves of SSL authentication and termination tasks, as well as providing the functions of caching, acceleration and load balancing. **DenyAll's Secure Transparent Mode facilitates WAF deployment without compromising security.**

### → New pre-defined security policies

In this new version of the platform, **DenyAll includes pre-defined security policies for new applications or new versions of commercial applications such as iNotes and SAP Netweaver, making the administrator's task even easier.**

**Further details will be provided in a series of webinars with DenyAll's Chief Technology Officer, Renaud Bidou and Chief Marketing Officer, Stéphane de Saint Albin:**

- 26 September at 11:00 in French
- 26 September at 9:00 in English
- 27 September at 10:00 in German

Those interested are invited to register [on the company's website](#).

### About DenyAll:

DenyAll is an innovative software leader in the growing application security market. The company was one of the pioneers in the Web Application Firewall market. Building on +10 years of experience securing and accelerating large customers' Web, XML and FTP application-layer flows, DenyAll keeps innovating to respond to the needs of organizations of all sizes. Against modern threats, its products protect transactional Web sites, the Web front-ends of critical applications, Web Services-based custom applications, as well as social and collaborative tools, both in traditional and SaaS/cloud environments. DenyAll's firewalls leverage the DenyAll Application Security Platform (DASP), a modern and modular platform based on proven reverse proxy technology. The company builds an ecosystem of partners, distributors, integrators, outsourcers and application hosters, and works with other vendors to offer comprehensive solutions, dedicated to securing and accelerating modern applications. More information can be found on [www.denyall.com](http://www.denyall.com).

Press contacts :	
<b>OXYGEN</b> Tatiana Graffeuil / Sandrine Mahoux Tél. : +33 1 41 11 37 89 <a href="mailto:tgraffeuil@oxygen-rp.com">tgraffeuil@oxygen-rp.com</a> <a href="http://www.oxygen-rp.fr">www.oxygen-rp.fr</a>	<b>DENYALL</b> Stéphane de Saint Albin Tél. : +33 1 46 20 96 21 <a href="mailto:sdesaintalbin@denyall.com">sdesaintalbin@denyall.com</a> <a href="http://www.denyall.com">www.denyall.com</a>